

Claims (for U.S. application)

1. A light source unit comprising:
a printed circuit board;
a wiring land formed on the printed circuit board;
5 a light-emitting diode (LED) element surface-mounted on the printed circuit board;
a reflector mounted on the printed circuit board between the LED element and the wiring land for directing a beam emitted from the LED element toward an object to be illuminated; a and
10 a bonding wire connecting between the LED element and the wiring land.
2. The light source unit of claim 1, wherein said bonding wire is laid to leap over the reflector.
3. The light source unit of claim 1, wherein said reflector includes a relay land formed on a top face thereof and said bonding wire is laid via the relay
15 land.
4. The light source unit of claim 1, further comprising a frame member connected with and supporting the reflector, wherein said frame member together with the reflector connected thereto is surface-mounted on the printed circuit board, and the wiring land is laid at an area between the reflector and the frame
20 member.
5. The light source unit of claim 2, wherein the light source unit includes a plurality of said LED elements arranged in the form of an array to form an LED array.

6. The light source unit of claim 5, wherein the light source unit is for use in a color film scanner and the unit includes a plurality of said LED arrays for red, blue and green colors.